

Amendments to the Specification:

Please replace paragraph [0013] on pages 5 and 6 with the following replacement paragraph:

[0013] Thus, as shown in Figure 1, the device, bearing the reference 1, is immersed in a water filled storage bay for cooling the fuel; it comprises a casing, 2, with a generally cylindrical shape, suspended from a handling boom, 3, which belongs to a system that already exists in the installation and which can be moved horizontally and vertically. The device, 1, can thus be placed on a structure, 4, of square or hexagonal cells, 5, for storing the nuclear fuel. As can be seen also from Figure 2, the system for placing the device, 1, on the structure, 4, comprises two tenons, 6, placed symmetrically to the front and rear of the casing, 1, and screwed to a communal base, 7, welded to the base of the casing, 2; the tenons, 6, comprise a plate, 8, and, laterally, two teeth, 9, that each have external edges, 10, which taper, and that each fit into a corner of the cell, 5, and penetrate into this cell; the external edges, turned towards the structure, 4, of the teeth, 9, have a clearance that allows them to be introduced without difficulty into the cells, 5, by lowering the boom, 3, then adjusting the position of the device, 1, when they touch the structure, 4.